WEST Search History

Hide Items | Restore | Clear | Cancel

DATE: Wednesday, July 18, 2007

Hide?	Set Name	Query	Hit Count
	DB=USPT; PLUR=YES; OP=ADJ		
☐	L2	L1 and (aryl adj5 sulfonamid$5)	14
☐	L1	(514/317.ccls. or 514/319.ccls. or 546/205.ccls. or 546/216.ccls.) and sulfonamid$5	227

END OF SEARCH HISTORY

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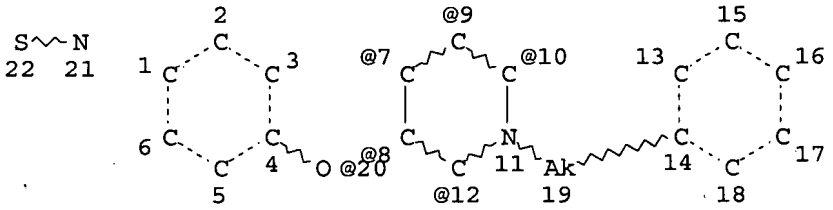
L1 STR



VPA 20-12/8/7/9/10 U
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 22

STEREO ATTRIBUTES: NONE

=> s l1 ful
FULL SEARCH INITIATED 16:30:12 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 289303 TO ITERATE

100.0% PROCESSED 289303 ITERATIONS 53 ANSWERS
SEARCH TIME: 00.00.04

L3 53 SEA SSS FUL L1

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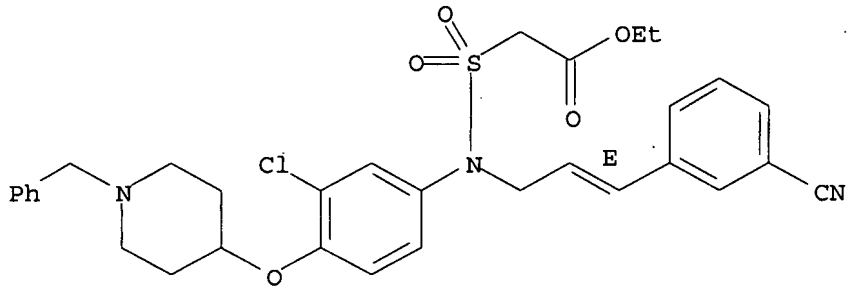
L3 53 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, [[[3-chloro-4-[[1-(phenylmethyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI)
MF C32 H34 Cl N3 O5 S

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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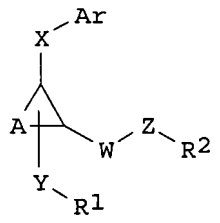
L4 13 L3

=> d bib abs hitstr 1-13

L4 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2007:174303 CAPLUS
DN 146:251838
TI Preparation of therapeutic agents for diabetes
IN Abe, Hidenori; Wakabayashi, Takeshi; Rikimaru, Kentarou
PA Takeda Pharmaceutical Company Limited, Japan
SO PCT Int. Appl., 509pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007018314	A2	20070215	WO 2006-JP316068	20060809

PI WO 2007018314 A2 20070215 WO 2006-JP316068 20060809
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
PRAI JP 2005-232646 A 20050810
OS MARPAT 146:251838
GI



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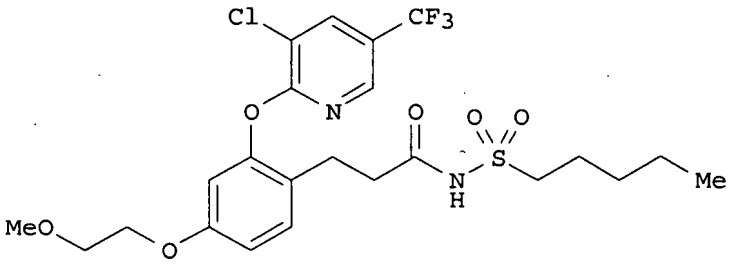


II

AB The invention provides an agent for the prophylaxis or treatment of diabetes, which is associated with fewer side effects such as body weight gain, adipocyte accumulation, cardiac hypertrophy and the like, and which

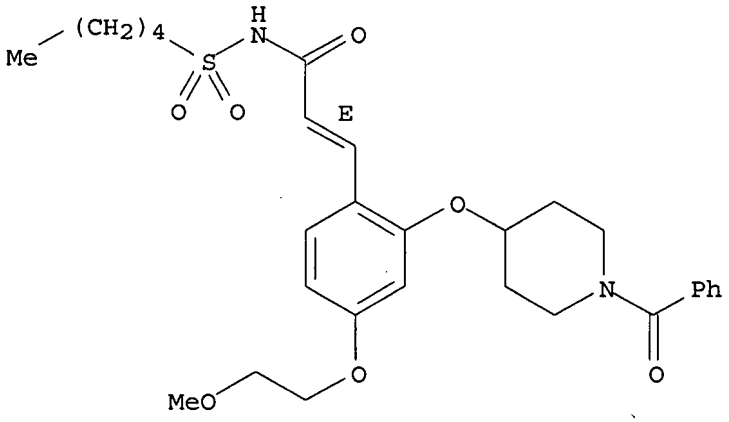
contains a compound I [A = (un)substituted aryl; Ar = (un)substituted monocyclyl; R1 = (un)substituted hydrocarbyl, heterocyclyl; R2 = H, (un)substituted hydrocarbyl, heterocyclyl; X = spacer having a main chain of 1-2 atoms; Y = a bond or a spacer having a main chain of 1-2 atoms; W = (un)substituted divalent hydrocarbon group; Z = CONHSO2 and derivs., SO2NHCO and derivs., OCONH and derivs., etc.], or a salt thereof or a prodrug thereof. Preparation of antidiabetic agents I is described. Thus, O-heteroarylation of Et 3-[2-hydroxy-4-(2-methoxyethoxy)phenyl]propanoate (preparation given) with 2,3-dichloro-5-(trifluoromethyl)pyridine, saponification and
reaction of the acid with pentane-1-sulfonamide gave N-sulfonyl amide II. Selected I displayed a hypoglycemic and hypolipidemic action. II exhibited PPARγ-PPARα heterodimer ligand activity.

IT 926300-56-3P, (2E)-3-[2-[(1-Benzoylpiperidin-4-yl)oxy]-4-(2-methoxyethoxy)phenyl]-N-(pentylsulfonyl)-2-propenamide
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of therapeutic agents for diabetes)

RN 926300-56-3 CAPLUS

CN 2-Propenamide, 3-[2-[(1-benzoyl-4-piperidinyl)oxy]-4-(2-methoxyethoxy)phenyl]-N-(pentylsulfonyl)-, (2E)- (CA INDEX NAME)

Double bond geometry as shown.



L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2007:11285 CAPLUS

DN 146:121845

TI Preparation of piperidinyl substituted isoquinoline derivatives as inhibitors of Rho-kinase

IN Plettenburg, Oliver; Hofmeister, Armin; Kadereit, Dieter; Peukert, Stefan; Ruf, Sven; Ritter, Kurt; Loehn, Matthias; Ivashchenko, Yuri; Monecke, Peter; Dreyer, Matthias; Kannt, Aimo

PA Sanofi-Aventis Deutschland G.m.b.H., Germany

SO PCT Int. Appl., 172pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2007000240	A1	20070104	WO 2006-EP5648	20060613

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,

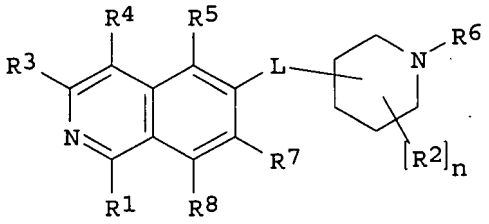
MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRAI EP 2005-13868 A 20050628

OS MARPAT 146:121845

GI



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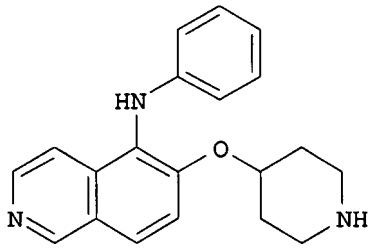


II

AB The title compds. I [R1 = H, alkyl, NH(alkyl), N(alkyl)2, etc.; R2 = H, halo, alkyl; R3 = H, halo, alkyl, etc.; R4 = H, halo, OH, etc.; R5 = H, halo, CN, etc.; R6 = H, alkyl, alkylenealkoxy, etc.; R7 = H, halo, CN, etc.; R8 = H, halo, alkyl; n = 1-4; L = O, O-alkylene], useful for the treatment and/or prevention of diseases associated with Rho-kinase and/or Rho-kinase mediated phosphorylation of myosin light chain phosphatase, were prepared E.g., a multi-step synthesis of II.TFA, starting from 6-hydroxyisoquinoline, was given. Compds. I were tested for Rho-kinase inhibition (data were given for representative compds. I).

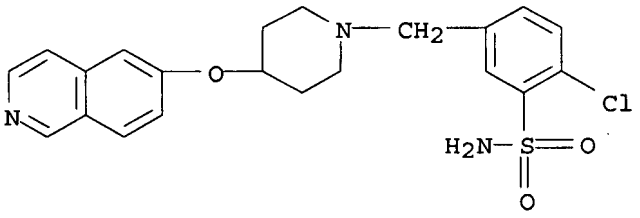
IT 918490-71-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of piperidinyl-substituted isoquinoline derivs. as RHO-kinase inhibitors useful in treatment and prevention of diseases)

RN 918490-71-8 CAPLUS

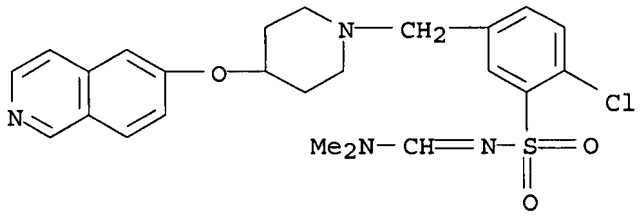
CN Benzenesulfonamide, 2-chloro-5-[[4-(6-isoquinolinyloxy)-1-piperidinyl]methyl]- (CA INDEX NAME)



IT 918490-70-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of piperidinyl-substituted isoquinoline derivs. as RHO-kinase inhibitors useful in treatment and prevention of diseases)
RN 918490-70-7 CAPLUS
CN Benzenesulfonamide, 2-chloro-N-[(dimethylamino)methylene]-5-[[4-(6-isoquinolinyloxy)-1-piperidinyl]methyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

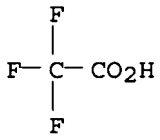
CM 1

CRN 918490-69-4
CMF C24 H27 Cl N4 O3 S



CM 2

CRN 76-05-1
CMF C2 H F3 O2



RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2006:365367 CAPLUS
DN 144:404358
TI Mutgenesis of HERG ion channel to determine its specific interactions with drugs to design safer and more selective therapeutics
IN Dougherty, Dennis A.; Lester, Henry A.; Nowak, Mark W.
PA Neurion Pharmaceuticals, Inc., USA
SO U.S. Pat. Appl. Publ., 36 pp., Cont.-in-part of U.S. Ser. No. 957,116.
CODEN: USXXCO
DT Patent
LA English

FAN.CNT 4

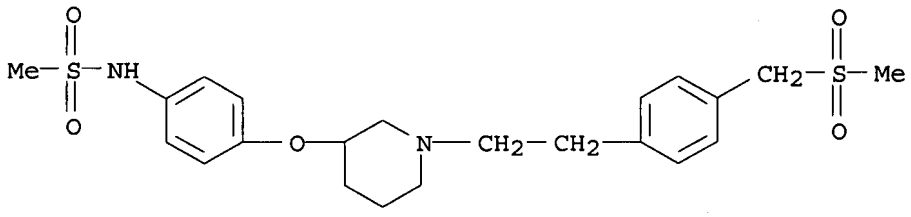
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006084102	A1	20060420	US 2005-242822	20051003
	US 2004180401	A1	20040916	US 2003-444058	20030523
	US 2006014159	A1	20060119	US 2004-957116	20041001
PRAI	US 2002-382571P	P	20020524		
	US 2003-454338P	P	20030314		
	US 2003-444058	A2	20030523		
	US 2004-615173P	P	20041001		
	US 2004-957116	A2	20041001		

AB The present invention provides a method of obtaining highly precise binding and interaction information of ligands or drugs with the HERG ion channel by mutagenesis of critical sites within the transmembrane domains of the ion channel. The information elucidated from these novel expts. allow predictive identification of binding mols. or drugs that contribute to or cause undesirable HERG activity as well as ones that alleviate such activity. Unexpected HERG activity, i.e. nonspecific modulatory effects, limits the efficacy of many drugs, and can even cause dangerous side effects. The present invention also relates to methods for the discovery and design of safer and more selective compds. without unexpected HERG activity. Another aspect of the invention is to provide a HERG screening assay system comprising a HERG channel which has been modified to replace native amino acids, wherein the channel is expressed in vivo in Xenopus oocytes or mammalian cells. The present invention will not only provide information on whether a compound binds to HERG, but also details both the method and specific location of binding. Through high-precision compound modifications, the present invention will enable the identification and continued development of drug classes that would otherwise be dropped because of HERG activity, or make compds. to block and reduce the HERG activity of other compds. as adjuvants. Unwanted drug side effects may include cardiac arrhythmia, ventricular fibrillation, QT interval prolongation and sudden death.

IT 873429-73-3
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(binding with the HERG channel; mutagenesis of HERG ion channel to determine its specific interactions with drugs to design safer and more selective therapeutics)

RN 873429-73-3 CAPLUS

CN Methanesulfonamide, N-[4-[[1-[2-[4-[(methylsulfonyl)methyl]phenyl]ethyl]-3-piperidinyl]oxy]phenyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2006:342829 CAPLUS

DN 144:390559

TI Preparation of benzenesulfonamide compounds as N-type calcium channel inhibitors

IN Ohtani, Tazumi; Kambe, Tohru; Kobayashi, Kaoru; Takimizu, Hideyuki; Ito, Yoko

PA Ono Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 196 pp.
CODEN: PIXXD2

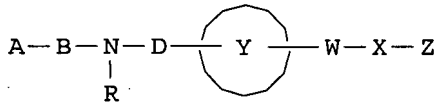
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2006038594	A1	20060413	WO 2005-JP18306	20051003

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRAI JP 2004-290916 A 20041004
OS MARPAT 144:390559
GI



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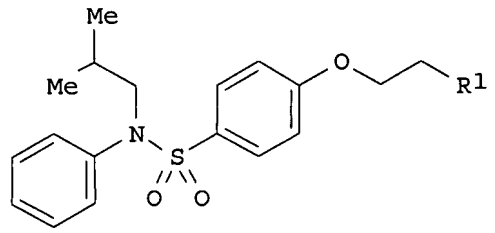

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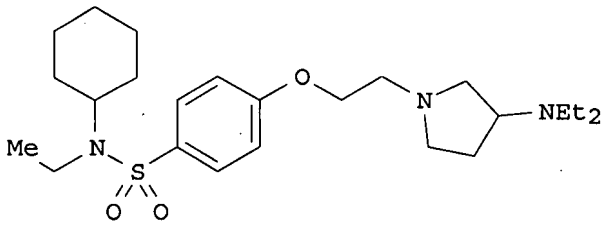


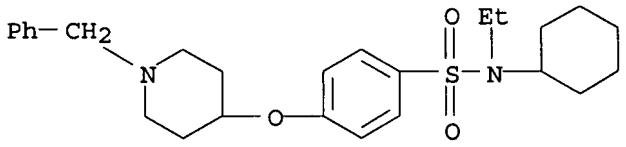
III

AB Title compds. I [ring Y = (un)substituted cycle; A, R = H, (un)substituted chain hydrocarbon group, (un)substituted cycle; B, D = bond, spacer; W = O, (un)substituted N, (un)substituted -CH2-, etc.; X = bond, spacer, (un)substituted cycle; Z = (un)protected hydroxy, (un)protected amino, (un)substituted cycle; further details on A, R, W, X, and Z are given.] were prepared For example, reaction of compound II [R1 = Br], e.g., prepared from p-methoxybenzenesulfonyl chloride in 4 steps, with diethylamine afforded compound II [R1 = diethylamino]. In N-type calcium channel inhibition assays, compound III·2HCl inhibited N-type calcium channel current by 82% at 1 μM. Compound I are claimed useful for the treatment

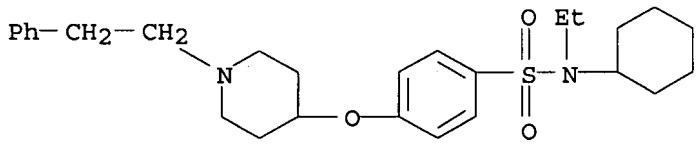
of pain, asthma, etc.

IT 882851-43-6P 882851-58-3P 882851-59-4P
882851-63-0P 882851-64-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzenesulfonamide compds. as N-type calcium channel inhibitors for treatment of pain, asthma, etc.)

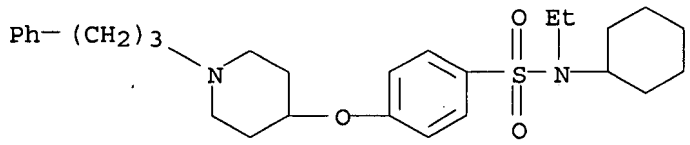
RN 882851-43-6 CAPLUS
CN Benzenesulfonamide, N-cyclohexyl-N-ethyl-4-[[1-(phenylmethyl)-4-piperidinyl]oxy]- (9CI) (CA INDEX NAME)



RN 882851-58-3 CAPLUS
CN Benzenesulfonamide, N-cyclohexyl-N-ethyl-4-[[1-(2-phenylethyl)-4-piperidinyl]oxy]- (9CI) (CA INDEX NAME)

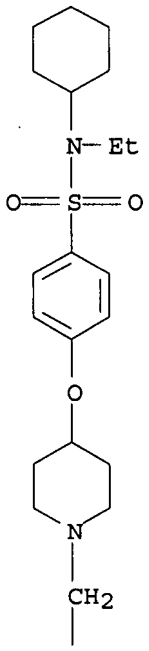


RN 882851-59-4 CAPLUS
CN Benzenesulfonamide, N-cyclohexyl-N-ethyl-4-[[1-(3-phenylpropyl)-4-piperidinyl]oxy]- (9CI) (CA INDEX NAME)



RN 882851-63-0 CAPLUS
CN Benzenesulfonamide, N-cyclohexyl-N-ethyl-4-[[1-(1-naphthalenylmethyl)-4-piperidinyl]oxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



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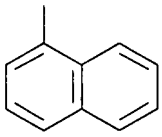
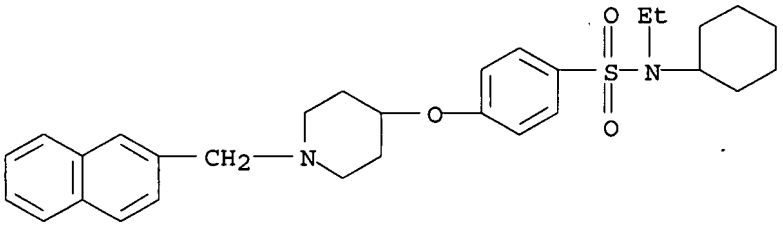


RN 882851-64-1 CAPLUS
CN Benzenesulfonamide, N-cyclohexyl-N-ethyl-4-[[1-(2-naphthalenylmethyl)-4-piperidinyl]oxy]- (9CI) (CA INDEX NAME)



RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2006:50969 CAPLUS
DN 144:124554
TI Methods of determining precise HERG ion channel interactions based on incorporation of unnatural amino acids
IN Dougherty, Dennis A.; Lester, Henry A.; Lasch, Jonathan G.; Nowak, Mark W.
PA Neurion Pharmaceuticals, Inc., USA
SO U.S. Pat. Appl. Publ., 28 pp., Cont.-in-part of U.S. Ser. No. 444,058.

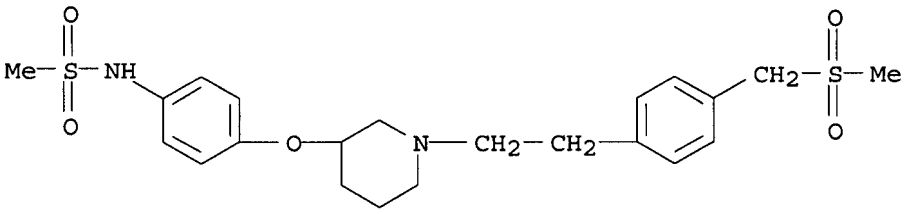
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006014159	A1	20060119	US 2004-957116	20041001
	US 2004180401	A1	20040916	US 2003-444058	20030523
	WO 2006039717	A2	20060413	WO 2005-US35871	20051003
	WO 2006039717	A3	20060713		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	US 2006084102	A1	20060420	US 2005-242822	20051003
PRAI	US 2002-382571P	P	20020524		
	US 2003-454338P	P	20030314		
	US 2003-444058	A2	20030523		
	US 2004-615173P	P	20041001		
	US 2004-957116	A	20041001		

AB The present invention provides a method of obtaining highly precise binding and interaction information of ligands or drugs with the HERG ion channel by utilizing incorporation of unnatural amino acids at critical sites within the transmembrane domains of the ion channel. The information elucidated from these novel expts. allow predictive identification of binding mols. or drugs that contribute to or cause undesirable HERG activity as well as ones that alleviate such activity. Unexpected HERG activity, i.e. nonspecific modulatory effects, limits the efficacy of many drugs, and can even cause dangerous side effects. The present invention also relates to methods for the discovery and design of safer and more selective compds. without unexpected HERG activity. Another aspect of the invention is to provide a HERG screening assay system comprising a HERG channel which has been modified to replace native amino acids with unnatural amino acids, wherein the channel is expressed in vivo in Xenopus oocytes. The present invention will not only provide information on whether a compound binds to HERG, but also details both the method and specific location of binding. Through high-precision compound modifications, the present invention will enable the identification and continued development of drug classes that would otherwise be dropped because of HERG activity, or make compds. to block and reduce the HERG activity of other compds. as adjuvants.

IT 873429-73-3
RL: BSU (Biological study, unclassified); BIOL (Biological study) (binding with the HERG channel; methods of determining precise HERG ion channel interactions based on incorporation of unnatural amino acids)

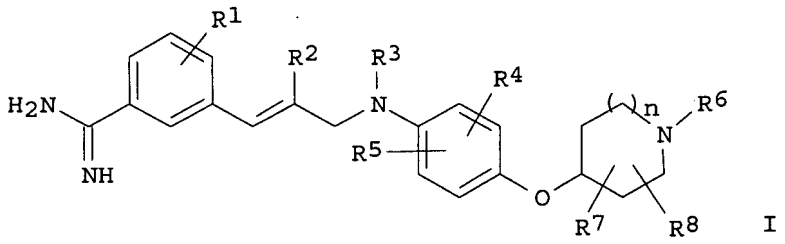
RN 873429-73-3 CAPLUS
CN Methanesulfonamide, N-[4-[[1-[2-[4-[(methylsulfonyl)methyl]phenyl]ethyl]-3-piperidinyl]oxy]phenyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2004:411619 CAPLUS
DN 140:400071
TI Blood-coagulation factor Xa inhibitors for prophylactic or therapeutic treatment of cerebral or myocardial infarction and peripheral circulation disorder
IN Fujimoto, Koichi; Tanaka, Naoki; Shimada, Ikuko; Asai, Fumitoshi
PA Sankyo Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 189 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

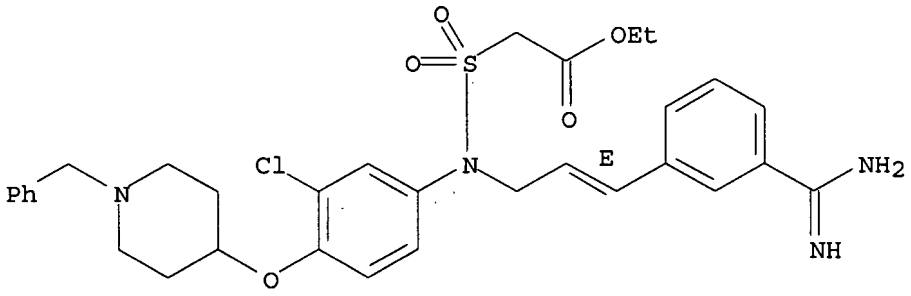
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2004143164	A	20040520	JP 2003-345161	20031003
PRAI	JP 2002-290838	A	20021003		

OS MARPAT 140:400071
GI



AB Title inhibitors contain benzamidines I [R1 = H, halo, C1-6 alkyl, OH; R2 = H, halo; R3 = H, C1-6 alkyl, C2-7 carboxyalkyl, C1-6 alkylsulfonyl, etc.; R4, R5 = H, halo, C1-6 (halo)alkyl, C1-6 alkoxy, CO2H, alkylcarbamoyl, etc.; R6 = H, C1-6 alkyl, C3-8 cycloalkyl, c7-16 aralkyl, C6-10 aryl, heterocyclyl, etc.; R7, R8 = H, C1-6 alkyl; R6R7 or R7R8 may be bonded to form C2-5 alkylene; n = 0-2], their pharmacol. acceptable salts, or their prodrugs. Thus, N-[3-(3-amidinophenyl)-2(E)-propenyl]-N-[3-chloro-4-(1-ethylpiperidin-4-yloxy)phenyl]sulfamoylacetic acid 2HCl salt inhibited factor Xa with IC50 value of 10 nM.
IT 470475-87-7P 470475-88-8P 470475-89-9P
470475-90-2P 470476-29-0P 470476-30-3P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzamidines as blood-coagulation factor Xa inhibitors for treatment of cardiovascular diseases)
RN 470475-87-7 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(phenylmethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

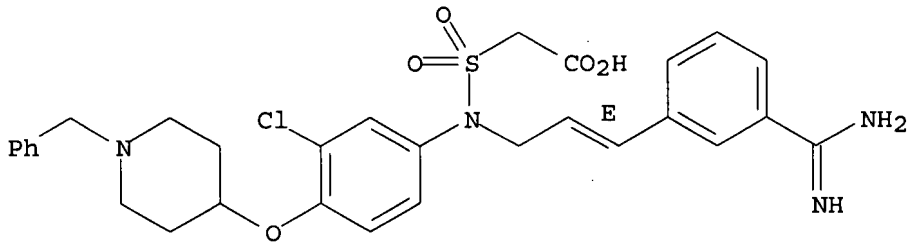
Double bond geometry as shown.



●2 HCl

RN 470475-88-8 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(phenylmethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

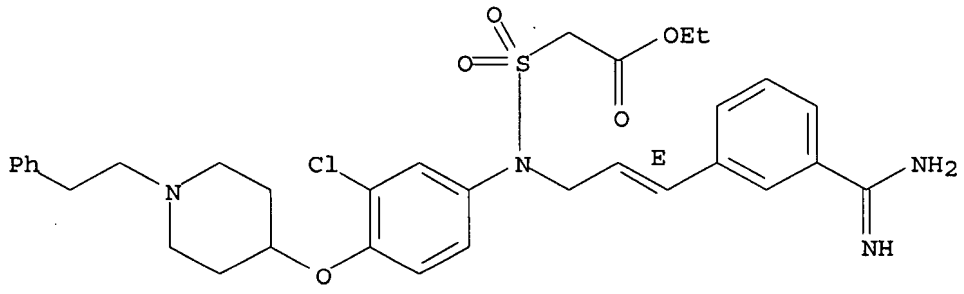
Double bond geometry as shown.



●2 HCl

RN 470475-89-9 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2-phenylethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

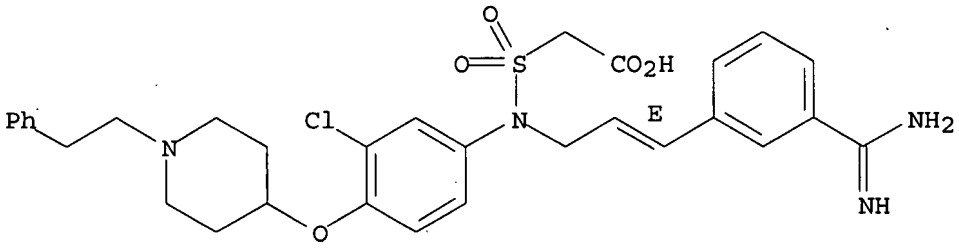
Double bond geometry as shown.



●2 HCl

RN 470475-90-2 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2-phenylethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

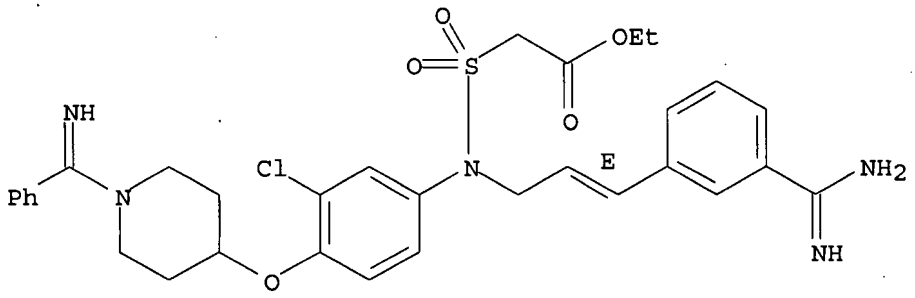
Double bond geometry as shown.



●2 HCl

RN 470476-29-0 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(iminophenylmethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

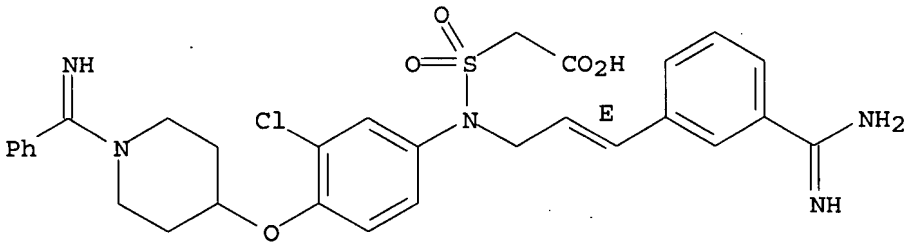
Double bond geometry as shown.



●2 HCl

RN 470476-30-3 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(iminophenylmethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

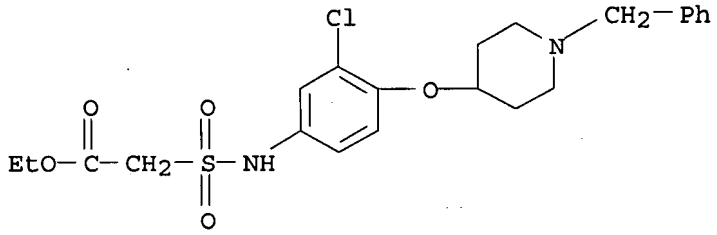
Double bond geometry as shown.



●2 HCl

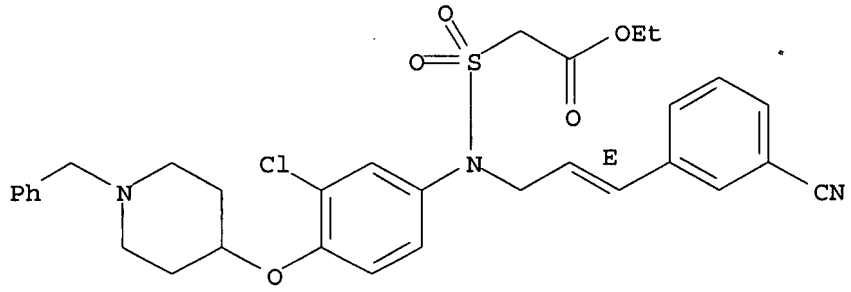
IT 470477-10-2P 470477-11-3P 470477-14-6P
470477-15-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of benzamidines as blood-coagulation factor Xa inhibitors for treatment of cardiovascular diseases)

RN 470477-10-2 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(phenylmethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

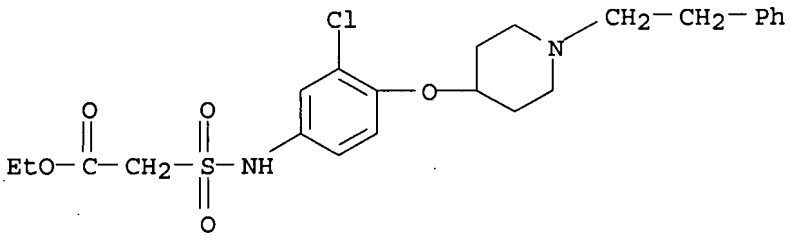


RN 470477-11-3 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(phenylmethyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.

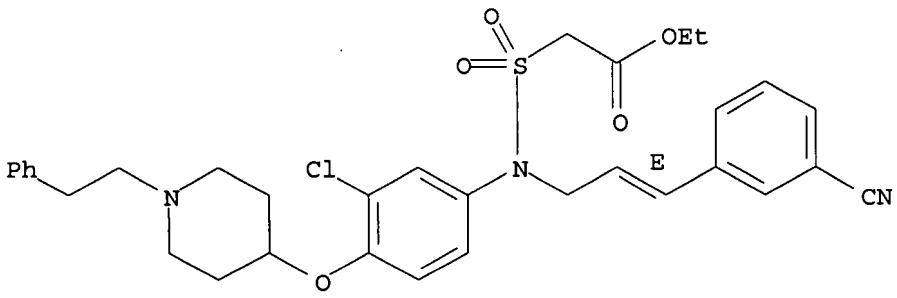


RN 470477-14-6 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(2-phenylethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)



RN 470477-15-7 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(2-phenylethyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

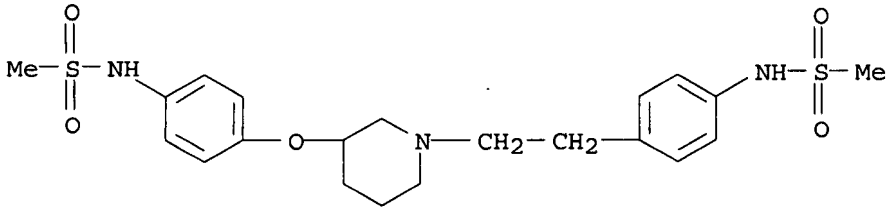
Double bond geometry as shown.



L4 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2003:951210 CAPLUS
DN 140:13006
TI Methods of determining precise HERG potassium channel interactions and altering compounds based on the interactions
IN Dougherty, Dennis A.; Lester, Henry A.; Lasch, Jonathon G.
PA Neurion Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003100082	A2	20031204	WO 2003-US16426	20030523
	WO 2003100082	A8	20040401		
	WO 2003100082	A3	20060518		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2486193	A1	20031204	CA 2003-2486193	20030523
	AU 2003248571	A1	20031212	AU 2003-248571	20030523
	EP 1578992	A2	20050928	EP 2003-755475	20030523
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	JP 2006509495	T	20060323	JP 2004-507522	20030523
	IN 2004KN01488	A	20060721	IN 2004-KN1488	20041006

PRAI US 2002-382571P P 20020524
US 2003-454338P P 20030314
WO 2003-US16426 W 20030523
OS MARPAT 140:13006
AB The invention discloses methods of determining highly precise interactions between the HERG (human ether-a-go-go-related gene) potassium channel and various compds. The methods of the invention use nonsense codon suppression methods combined with heterologous in vivo expression in Xenopus oocytes. Unexpected HERG activity, i.e. non-specific modulatory effects, limits the efficacy of many drugs, and can even cause dangerous side effects. The invention also relates to methods for the discovery and design of safer and more selective compds. without unexpected HERG activity.
IT 167859-05-4
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(HERG potassium channel interaction determination and altering compds. based on
interaction)
RN 167859-05-4 CAPLUS
CN Methanesulfonamide, N-[4-[2-[3-[4-[(methylsulfonyl)amino]phenoxy]-1-piperidinyl]ethyl]phenyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2003:570958 CAPLUS
DN 139:133471
TI Preparation of N-[(piperidinyloxy)phenyl]sulfonamides as nicotinic and muscarinic acetylcholine effectors
IN Hoelzemann, Guenter; Pruecher, Helmut; Schiemann, Kai; Leibrock, Joachim; Greiner, Hartmut; Burger, Christa; Von Melchner, Laurie
PA Merck Patent G.m.b.H., Germany
SO PCT Int. Appl., 48 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

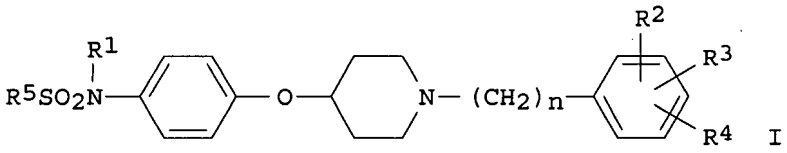
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003059882	A1	20030724	WO 2002-EP14389	20021217
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10201550	A1	20030731	DE 2002-10201550	20020117
CA 2473409	A1	20030724	CA 2002-2473409	20021217
AU 2002358735	A1	20030730	AU 2002-358735	20021217
EP 1465868	A1	20041013	EP 2002-793045	20021217

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK

CN 1615297	A	20050511	CN 2002-827254	20021217
JP 2005514457	T	20050519	JP 2003-559986	20021217
US 2005131021	A1	20050616	US 2003-501763	20021217
HU 200500497	A2	20050829	HU 2005-497	20021217
ZA 2004006504	A	20050915	ZA 2004-6504	20040816
PRAI DE 2002-10201550	A	20020117		
WO 2002-EP14389	W	20021217		

OS MARPAT 139:133471

GI



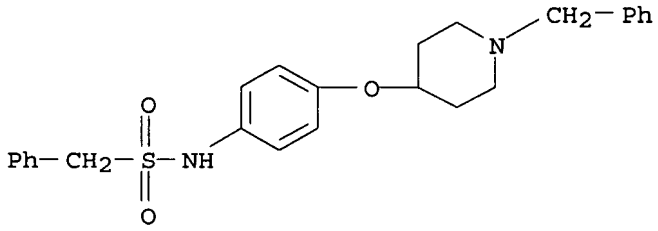
I

AB Title compds. [I; R1 = H, (fluorinated) (S-, O-interrupted) alkyl, alkenyl; R2-R4 = H, (fluorinated) (S-, O-interrupted) alkyl, alkenyl, OH, OMe, OCF3, halo, cyano, CO2R1, CONR1, NO2; R5 = (fluorinated) (S-, O-interrupted) alkyl, alkenyl, (substituted) Ph, naphthyl, biphenyl, arylalkyl; n = 0-10], were prepd as nicotinic and muscarinic acetylcholine effectors (no data). Thus, 4-(1-benzylpiperidin-4-yloxy)phenylamine (preparation given) and phenylmethylsulfonyl chloride in DMF were treated with Et3N followed by stirring for 14 h at room temperature to give N-[4-(1-benzylpiperidin-4-yloxy)phenyl]phenylmethanesulfonamide. Said compds. are suitable for the prophylaxis or treatment of schizophrenia, depression, panic attacks, dementia, Alzheimer's disease, Lewy body dementia, neurodegenerative diseases, Parkinson's disease, Huntington's chorea, Tourette's syndrome, learning limitations and memory loss, senile amnesia, for relieving withdrawal symptoms in nicotine dependency, or for the prophylaxis or treatment of cerebral apoplexy or cerebral damage caused by toxic compds.

IT 565418-43-1P 565418-44-2P, N-[4-(1-Benzylpiperidin-4-yloxy)phenyl]benzenesulfonamide 565418-45-3P 565418-46-4P 565418-47-5P 565418-48-6P 565418-49-7P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of N-[(piperidinyloxy)phenyl]sulfonamides as nicotinic and muscarinic acetylcholine effectors)

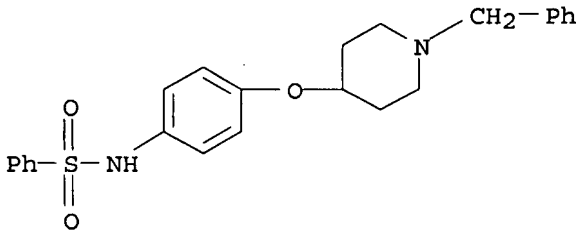
RN 565418-43-1 CAPLUS

CN Benzenemethanesulfonamide, N-[4-[[1-(phenylmethyl)-4-piperidinyl]oxy]phenyl]- (9CI) (CA INDEX NAME)

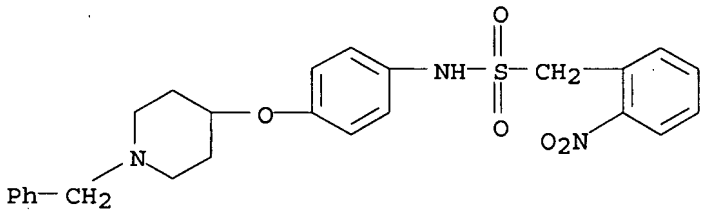


RN 565418-44-2 CAPLUS

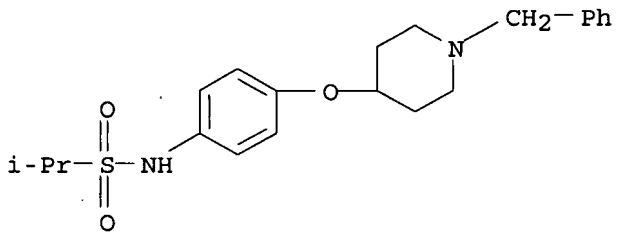
CN Benzenesulfonamide, N-[4-[[1-(phenylmethyl)-4-piperidinyl]oxy]phenyl]- (9CI) (CA INDEX NAME)



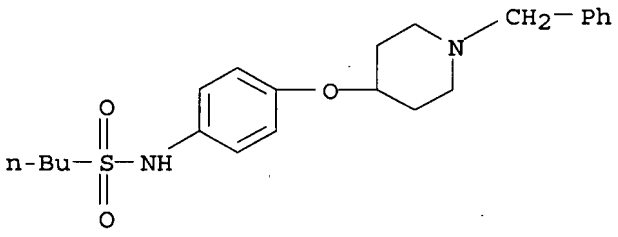
RN 565418-45-3 CAPLUS
CN Benzenemethanesulfonamide, 2-nitro-N-[4-[[1-(phenylmethyl)-4-piperidinyl]oxy]phenyl]- (9CI) (CA INDEX NAME)



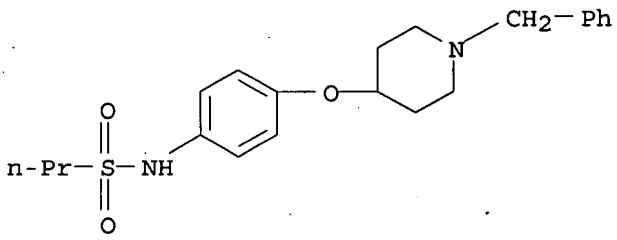
RN 565418-46-4 CAPLUS
CN 2-Propanesulfonamide, N-[4-[[1-(phenylmethyl)-4-piperidinyl]oxy]phenyl]- (9CI) (CA INDEX NAME)



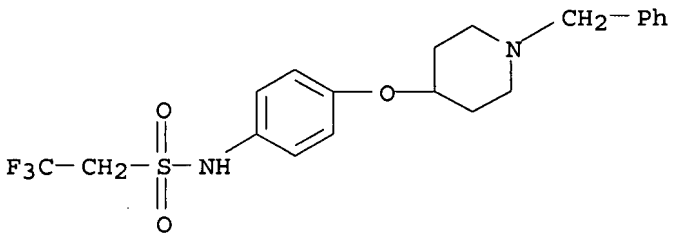
RN 565418-47-5 CAPLUS
CN 1-Butanesulfonamide, N-[4-[[1-(phenylmethyl)-4-piperidinyl]oxy]phenyl]- (9CI) (CA INDEX NAME)



RN 565418-48-6 CAPLUS
CN 1-Propanesulfonamide, N-[4-[[1-(phenylmethyl)-4-piperidinyl]oxy]phenyl]- (9CI) (CA INDEX NAME)



RN 565418-49-7 CAPLUS
CN Ethanesulfonamide, 2,2,2-trifluoro-N-[4-[[1-(phenylmethyl)-4-piperidinyl]oxy]phenyl]- (9CI) (CA INDEX NAME)

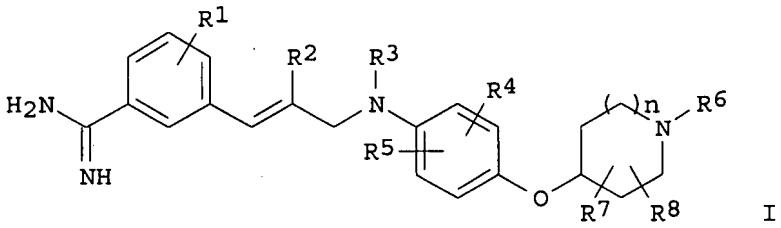


RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2002:868737 CAPLUS
DN 137:369982
TI Preparation of 2-[3-[4-(4-piperidinyloxy)anilino]-1-propenyl]benzamidine derivatives and composition containing them for iontophoresis
IN Fujimoto, Koichi; Tanaka, Naoki; Shimada, Ikuko; Asai, Fumitoshi; Inoue, Kazuhiro; Okada, Junichi
PA Sankyo Company, Limited, Japan
SO PCT Int. Appl., 400 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002089803	A1	20021114	WO 2002-JP4422	20020507
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002253683	A1	20021118	AU 2002-253683	20020507
	JP 2003040773	A	20030213	JP 2002-131052	20020507
PRAI	JP 2001-136159	A	20010507		
	WO 2002-JP4422	W	20020507		

OS MARPAT 137:369982
GI



I

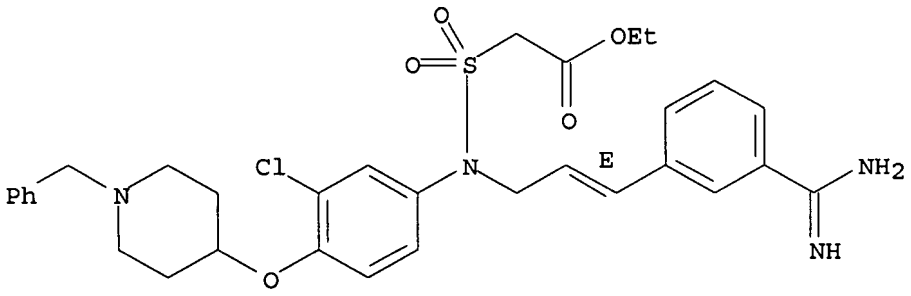
AB An iontophoresis composition for blood clotting factor X inhibitors which contains either a benzamidine derivative having the general formula (I) [wherein R1 = H, halo, alkyl, HO; R2 = H, halo, C1-6 alkyl; R3 = H, C1-6 alkyl, C1-6 hydroxyalkyl, C2-7 carboxyalkyl, C3-13 alkoxycarbonylalkyl, C7-16 aralkyl, C2-7 aliphatic acyl, C2-7 hydroxy-aliphatic acyl, C1-6 alkylsulfonyl, C3-13 alkoxycarbonylalkylsulfonyl, C2-7 carboxyalkylsulfonyl, C3-8 carboxyalkylcarbonyl; R4, R5 = H, halo, C1-6 alkyl, C1-6 haloalkyl, C1-6 alkoxy, CO2H, C2-7 alkoxycarbonyl, CONH2, C2-7 monoalkyl or C3-13 dialkylcarbamoyl; R6 = H, C1-6 alkyl, C3-8 cycloalkyl, C7-16 aralkyl, heterocyclyl-C1-6 alkyl, C2-7 carboxyalkyl, C3-13 alkoxycarbonylalkyl, C2-7 aliphatic acyl, C7-11 aromatic acyl, CONH2, C1-6 alkylsulfonyl, C6-10 aryl, heterocyclyl, formimidoyl, C2-7 1-iminoalkyl, C2-7 N-alkylformimidoyl, C7-11 iminoarylmethyl; R7, R8 = H, C1-6 alkyl; or R6 and R7 or R7 and R8 together represent C2-5 alkylene; n = 0, 1,2] or a pharmacol. acceptable salt of the derivative is disclosed. The compds. I are readily absorbed through skin and useful as remedies or preventives for thrombus or embolus by iontophoresis. Thus, 0.39 g Et acetimidate hydrochloride and 0.87 mL Et3N were added to a solution of [N-[(E)-3-(3-amidinophenyl)-2-methyl-2-propenyl]-N-[3-carbamoyl-4-(piperidin-4-yloxy)phenyl]sulfamoyl]acetic acid Et ester in 20 mL ethanol and stirred at room temperature for 6 h to give 75% [N-[4-((1-acetimidoylpiperidin-4-yl)oxy)-3-carbamoyl-N-[(E)-3-(3-amidinophenyl)-2-methyl-2-propenyl]phenyl]sulfamoyl]acetic acid Et ester dihydrochloride which (0.64 g) was dissolved in 20 mL 3 N aqueous HCl and heated at 80° for 2 h to give [N-[4-((1-acetimidoylpiperidin-4-yl)oxy)-3-carbamoylphenyl]-N-[(E)-3-(3-amidinophenyl)-2-methyl-2-propenyl]sulfamoyl]acetic acid dihydrochloride (II). II in vitro exhibited an iontophoresis skin permeability (flux) of 90±7 μg/h/cm2 using a hairless mice skin at skin current of 100 μA/cm2. The 15 compds. I exhibited higher skin permeability compared to two reference compds.

IT 470475-87-7P 470475-89-9P 470476-29-0P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of [[(piperidinyloxy)anilino]propenyl]benzamidine derivs. as blood clotting factor X inhibitors for treatment of thrombus and embolus by iontophoresis)

RN 470475-87-7 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(phenylmethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

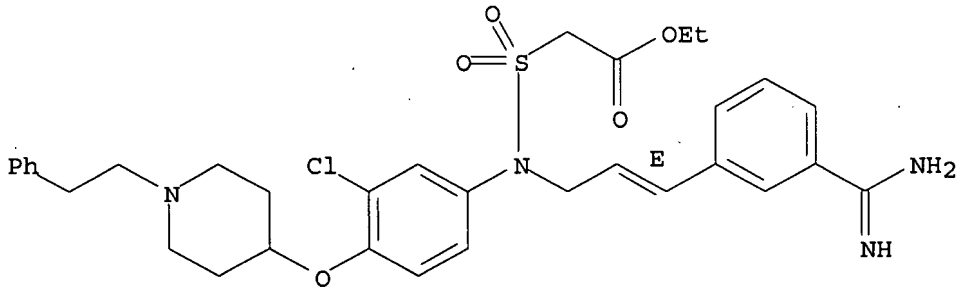
Double bond geometry as shown.



●2 HCl

RN 470475-89-9 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2-phenylethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

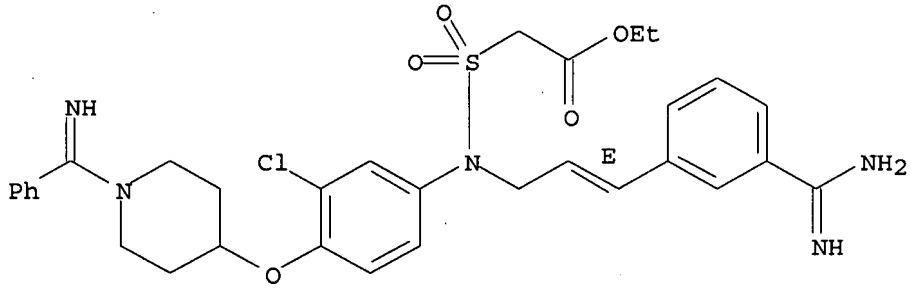
Double bond geometry as shown.



●2 HCl

RN 470476-29-0 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(iminophenylmethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

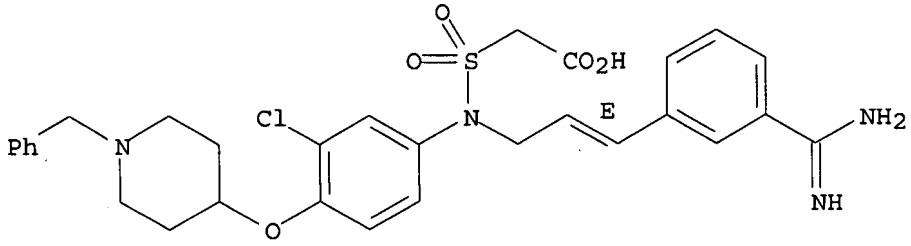


●2 HCl

IT 470475-88-8P 470475-90-2P 470476-30-3P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of [[(piperidinyloxy)anilino]propenyl]benzamidine derivs. as blood clotting factor X inhibitors for treatment of thrombus and embolus by iontophoresis)

RN 470475-88-8 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(phenylmethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

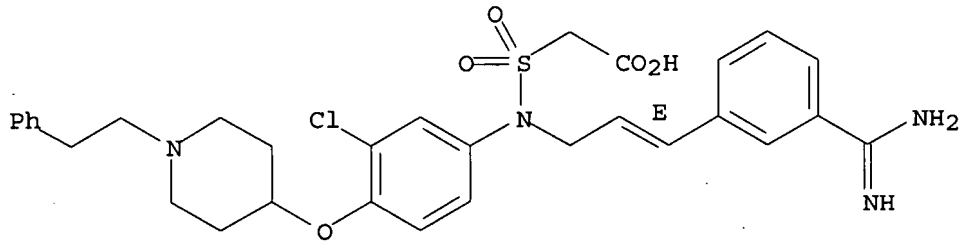
Double bond geometry as shown.



●2 HCl

RN 470475-90-2 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2-phenylethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

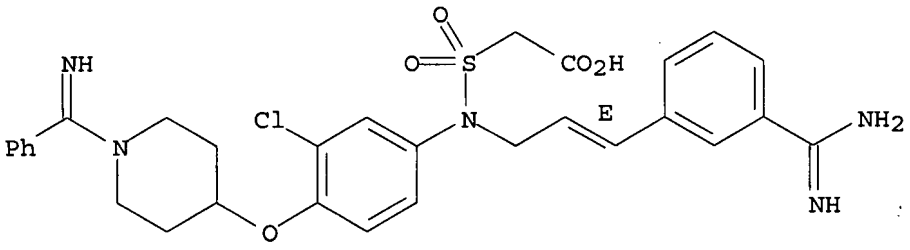
Double bond geometry as shown.



●2 HCl

RN 470476-30-3 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(iminophenylmethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

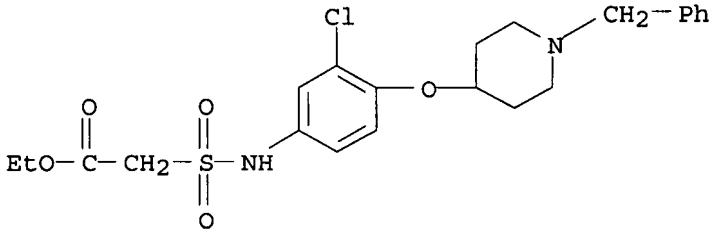
Double bond geometry as shown.



● 2 HCl

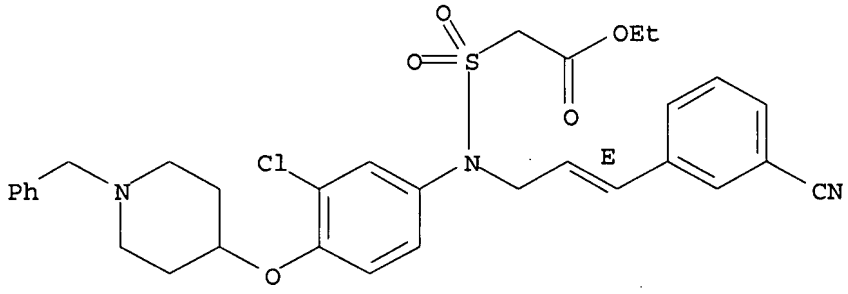
IT 470477-10-2P, [N-[4-(1-Benzylpiperidin-4-yloxy)-3-chlorophenyl]sulfamoyl]acetic acid ethyl ester 470477-11-3P 470477-14-6P, [N-[3-Chloro-4-(1-phenethylpiperidin-4-yloxy)phenyl]sulfamoyl]acetic acid ethyl ester 470477-15-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of [[(piperidinyloxy)anilino]propenyl]benzamidine derivs. as blood clotting factor X inhibitors for treatment of thrombus and embolus by iontophoresis)

RN 470477-10-2 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(phenylmethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

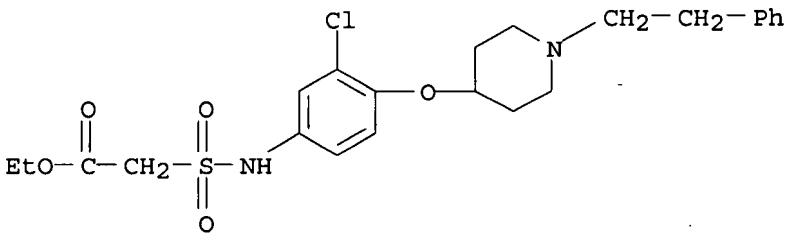


RN 470477-11-3 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(phenylmethyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.

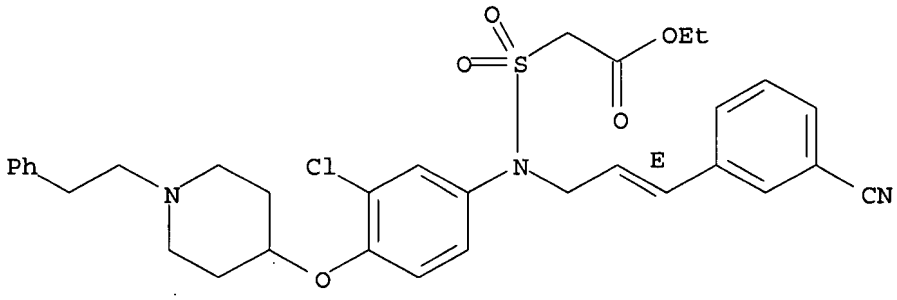


RN 470477-14-6 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(2-phenylethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)



RN 470477-15-7 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(2-phenylethyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2002:793603 CAPLUS
DN 137:310926
TI Preparation of benzamidine derivatives as inhibitors of activated blood coagulation factor X
IN Fujimoto, Koichi; Tanaka, Naoki; Shimada, Ikuko; Asai, Fumitoshi
PA Sankyo Company, Limited, Japan
SO PCT Int. Appl., 314 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002081448	A1	20021017	WO 2002-JP3355	20020403
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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	AU 2002246336	A1	20021021	AU 2002-246336	20020403
	EP 1375482	A1	20040102	EP 2002-714444	20020403
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	BR 2002008678	A	20040330	BR 2002-8678	20020403
	NZ 528517	A	20040827	NZ 2002-528517	20020403

	HU 200400384	A2	20040928	HU 2004-384	20020403
	CN 1610666	A	20050427	CN 2002-811105	20020403
	RU 2256652	C1	20050720	RU 2003-129502	20020403
	JP 2002363159	A	20021218	JP 2002-102486	20020404
	IN 2003KN01213	A	20050930	IN 2003-KN1213	20030922
	ZA 2003007646	A	20040713	ZA 2003-7646	20030930
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	MX 2003PA09097	A	20040212	MX 2003-PA9097	20031003
	US 2004147555	A1	20040729	US 2003-679215	20031003
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OS MARPAT 137:310926

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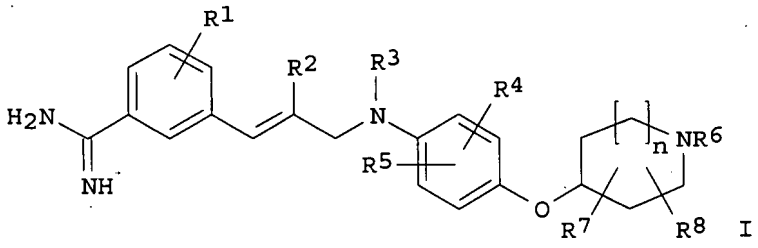


I

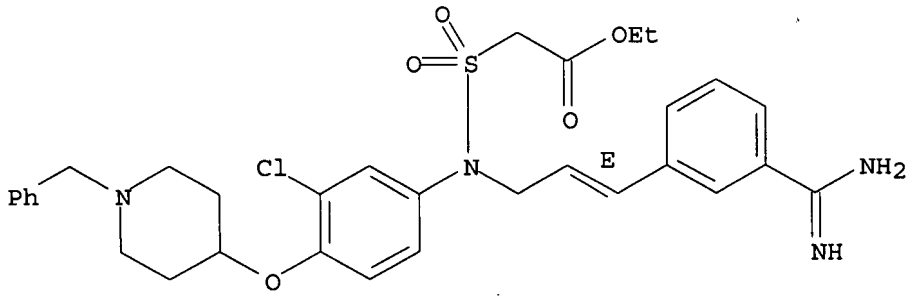
AB The title compds. I [R1 represents a hydrogen atom, a halogen atom, an alkyl group or a hydroxyl group, R2 represents a hydrogen atom or a halogen atom, R3 represents a hydrogen atom, an alkyl group optionally substituted, an aralkyl group, an alkylcarbonyl group optionally substituted, an alkylsulfonyl group optionally substituted, or the like, R4 and R5 each represent a hydrogen atom, a halogen atom, an alkyl or carbamoyl group optionally substituted, or the like, R6 represents a hetero-ring or the like, R7 and R8 each represent a hydrogen atom, an alkyl group, or the like, and n represents 0,1 or 2] are prepared I are useful in the therapy or prevention of blood coagulation diseases. Compds. of this invention in vitro showed IC50 values of 5.8 nM to 15 nM against factor Xa. Formulations are given.

IT 470475-87-7P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[4-(1-benzylpiperidin-4-yloxy)-3-chlorophenyl]sulfamoylacetic acid ethyl ester dihydrochloride 470475-88-8P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[4-(1-benzylpiperidin-4-yloxy)-3-chlorophenyl]sulfamoylacetic acid dihydrochloride 470475-89-9P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-(1-phenethylpiperidin-4-yloxy)phenyl]sulfamoylacetic acid ethyl ester dihydrochloride 470475-90-2P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-(1-phenethylpiperidin-4-yloxy)phenyl]sulfamoylacetic acid dihydrochloride 470476-29-0P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[4-(1-iminophenylmethylpiperidin-4-yloxy)-3-chlorophenyl]sulfamoylacetic acid ethyl ester dihydrochloride 470476-30-3P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[4-[1-iminophenylmethylpiperidin-4-yloxy]-3-chlorophenyl]sulfamoylacetic acid dihydrochloride
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzamidine derivs. as inhibitors of activated blood coagulation factor X)

RN 470475-87-7 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(phenylmethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

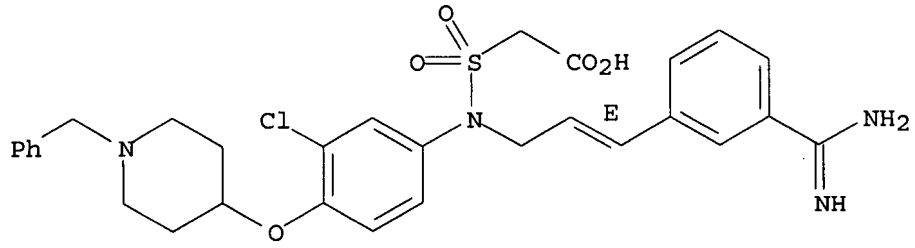
Double bond geometry as shown.



●2 HCl

RN 470475-88-8 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(phenylmethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

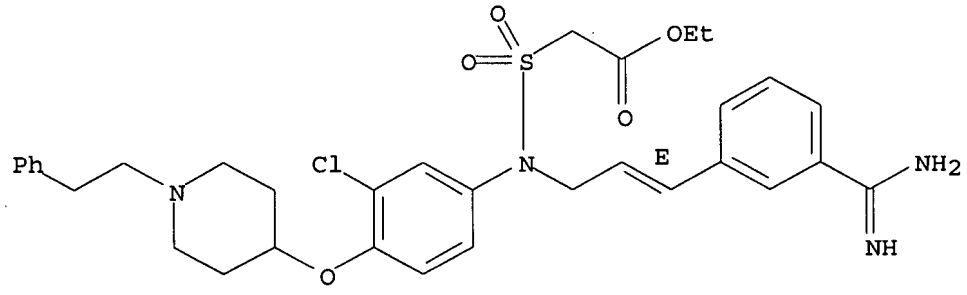
Double bond geometry as shown.



●2 HCl

RN 470475-89-9 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2-phenylethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

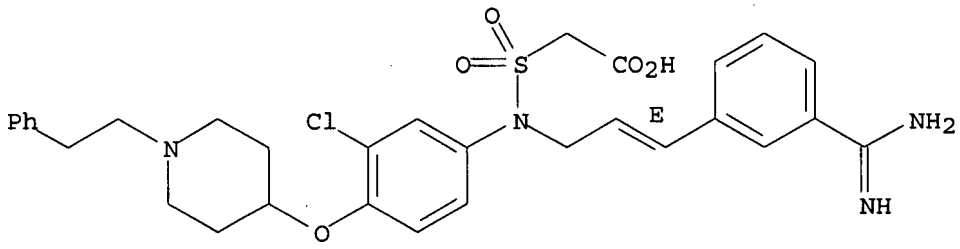
Double bond geometry as shown.



●2 HCl

RN 470475-90-2 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2-phenylethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



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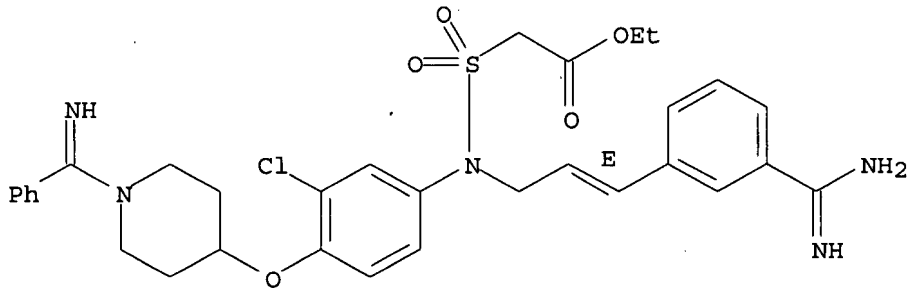
RN 470476-29-0 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(iminophenylmethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

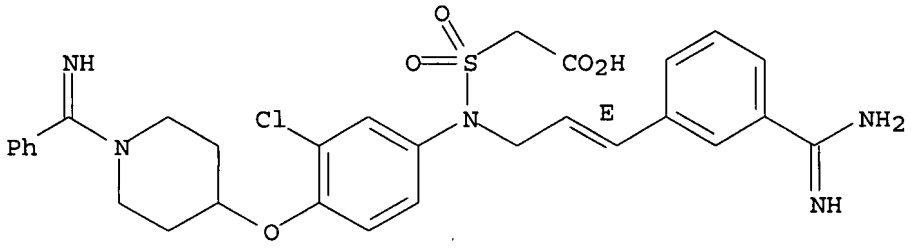
Double bond geometry as shown.



●2 HCl

RN 470476-30-3 CAPLUS
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(iminophenylmethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

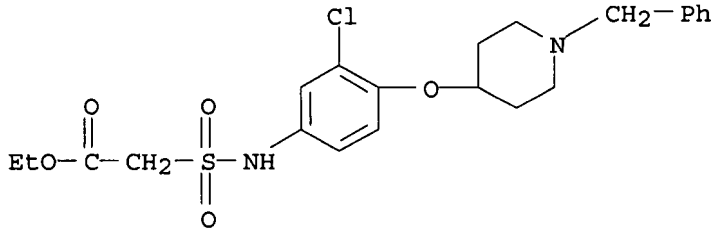
Double bond geometry as shown.



● 2 HCl

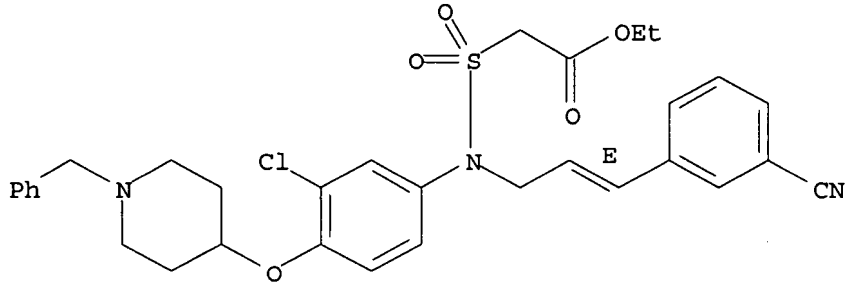
IT 470477-10-2P, N-[4-(1-Benzylpiperidin-4-yloxy)-3-chlorophenyl]sulfamoylacetic acid ethyl ester 470477-11-3P, N-[4-(1-Benzylpiperidin-4-yloxy)-3-chlorophenyl]-N-[3-(3-cyanophenyl)-2-(E)-propenyl]sulfamoylacetic acid ethyl ester 470477-14-6P, N-[3-Chloro-4-(1-phenethylpiperidin-4-yloxy)phenyl]sulfamoylacetic acid ethyl ester 470477-15-7P, N-[3-Chloro-4-(1-phenethylpiperidin-4-yloxy)phenyl]-N-[3-(3-cyanophenyl)-2-(E)-propenyl]sulfamoylacetic acid ethyl ester
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of benzamidine derivs. as inhibitors of activated blood coagulation factor X)

RN 470477-10-2 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(phenylmethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)



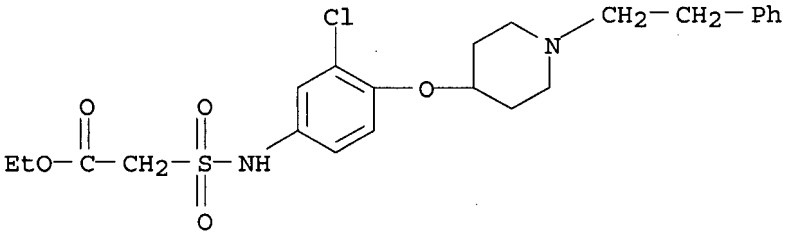
RN 470477-11-3 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(phenylmethyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



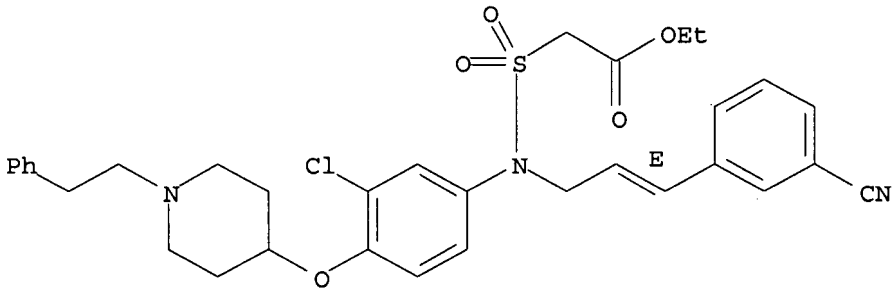
RN 470477-14-6 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(2-phenylethyl)-4-

piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)



RN 470477-15-7 CAPLUS
CN Acetic acid, [[[3-chloro-4-[[1-(2-phenylethyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.

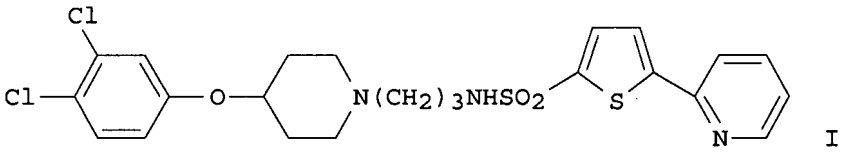


RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2001:886068 CAPLUS
DN 136:20021
TI Piperidine derivatives useful in the modulation of CCR3 activity
IN Sanganee, Hitesh; Springthorpe, Brian
PA Astrazeneca AB, Swed.
SO PCT Int. Appl., 42 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001092227	A1	20011206	WO 2001-SE1298	20010530
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1289956	A1	20030312	EP 2001-937121	20010530
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2003535079	T	20031125	JP 2002-500842	20010530
	US 2003166652	A1	20030904	US 2002-296034	20021120

PRAI GB 2000-13060 A 20000531
WO 2001-SE1298 W 20010530
OS MARPAT 136:20021
GI



I

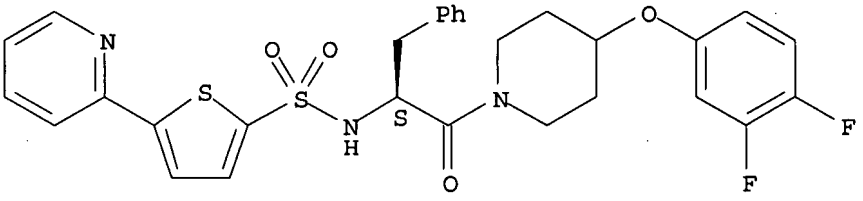
AB Piperidines such as I were prepared for modulation of CCR3 activity (no data). Thus, I was prepared starting from 4-(3,4-dichlorophenoxy)piperidine and tert-Bu (3-bromopropyl)carbamate.

IT 377741-09-8P 377741-10-1P
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(piperidine derivs. useful in the modulation of CCR3 activity)

RN 377741-09-8 CAPLUS

CN Piperidine, 4-(3,4-difluorophenoxy)-1-[(2S)-1-oxo-3-phenyl-2-[[[5-(2-pyridinyl)-2-thienyl]sulfonyl]amino]propyl]- (9CI) (CA INDEX NAME)

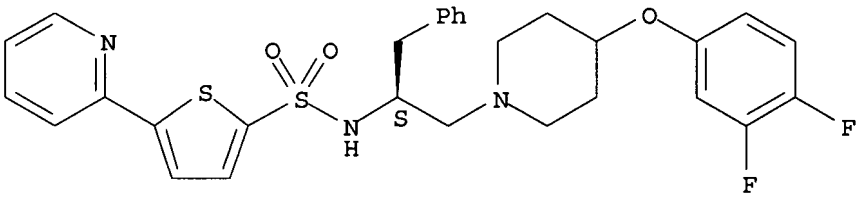
Absolute stereochemistry.



RN 377741-10-1 CAPLUS

CN 2-Thiophenesulfonamide, N-[(1S)-1-[[4-(3,4-difluorophenoxy)-1-piperidinyl]methyl]-2-phenylethyl]-5-(2-pyridinyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



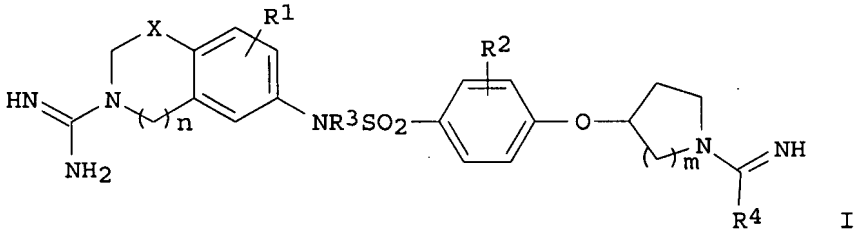
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1999:549271 CAPLUS
DN 131:184875
TI Preparation of benzenesulfonylaminoisoquinolinecarboxamidines and related compounds as cardiovascular agents.
IN Grams, Frank; Kucznierz, Ralf; Leinert, Herbert; Stegmeier, Karlheinz; Von Der Saal, Wolfgang
PA Roche Diagnostics G.m.b.H., Germany
SO PCT Int. Appl., 63 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9942462	A1	19990826	WO 1999-EP914	19990212
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 937723	A1	19990825	EP 1998-102750	19980218
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	AU 9931407	A	19990906	AU 1999-31407	19990212
	ZA 9901268	A	19990818	ZA 1999-1268	19990217
PRAI	EP 1998-102750	A	19980218		
	WO 1999-EP914	W	19990212		

OS CASREACT 131:184875; MARPAT 131:184875
GI



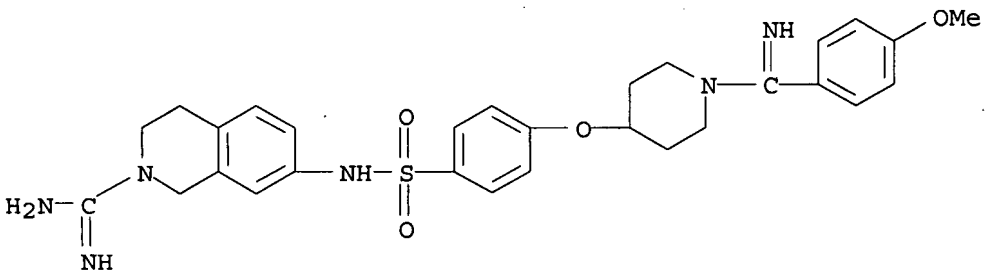
I

AB Title compds. [I; R1, R2 = H, halo, OH, alkyl, cycloalkyl, alkenyl ,alkynyl, aryl, heteroaryl, etc.; R3 = H, alkyl, cycloalkyl, alkenyl, alkynyl, aralkyl, hydroxyalkyl, alkoxyalkyl, aminoalkyl, arylcarbonyl, etc.; R4 = alkyl, cycloalkyl, (substituted) amino, aryl, heteroaryl; X = bond, CO, alkylene, alkyleneoxy; n = 1, 2; m = 1-4], were prepared Thus, 7-[4-(1-carbamimidoylpiperidin-4-yloxy)benzenesulfonylamino]-3,4-dihydro-1H-isoquinoline-2-carboxamidine dihydrochloride (multistep preparation from 7-nitro-1,2,3,4-tetrahydroisoquinoline hydrochloride given) at 500 μM showed a thrombin time of 40 s.

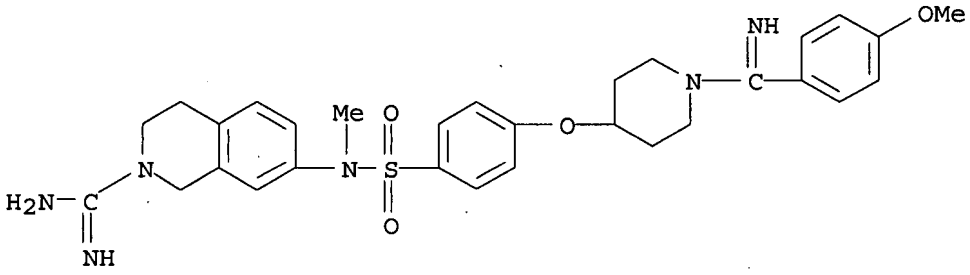
IT 239451-96-8P 239452-08-5P 239452-20-1P
239452-31-4P 239452-43-8P 239452-55-2P
239452-67-6P 239452-79-0P 239452-91-6P
239453-03-3P 239453-15-7P 239453-27-1P
239453-40-8P 239453-49-7P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzenesulfonylaminoisoquinolinecarboxamidines and related compds. as cardiovascular agents)

RN 239451-96-8 CAPLUS

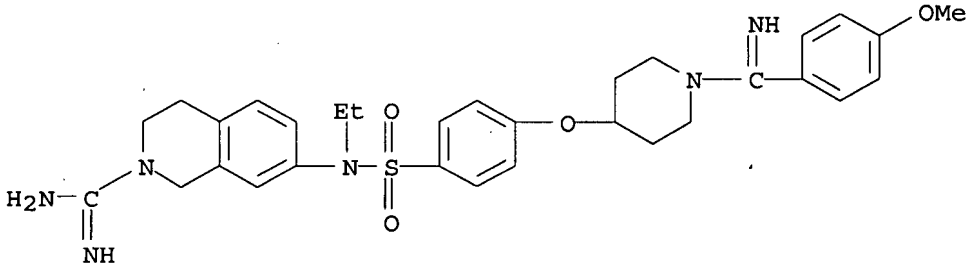
CN 2(1H)-Isoquinolinecarboximidamide, 3,4-dihydro-7-[[[4-[[1-[imino(4-methoxyphenyl)methyl]-4-piperidinyl]oxy]phenyl]sulfonyl]amino]- (9CI) (CA INDEX NAME)



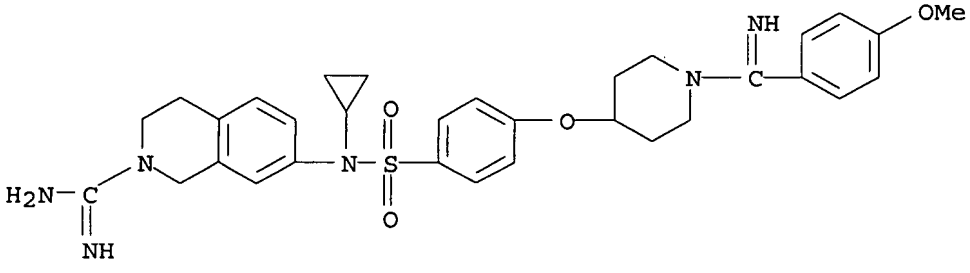
RN 239452-08-5 CAPLUS
CN 2(1H)-Isoquinolinecarboximidamide, 3,4-dihydro-7-[[[4-[[1-[imino(4-methoxyphenyl)methyl]-4-piperidinyl]oxy]phenyl]sulfonyl]methylamino]-(9CI) (CA INDEX NAME)



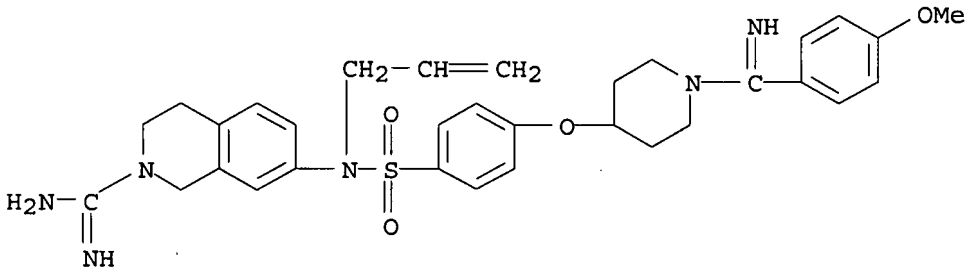
RN 239452-20-1 CAPLUS
CN 2(1H)-Isoquinolinecarboximidamide, 7-[ethyl[[4-[[1-[imino(4-methoxyphenyl)methyl]-4-piperidinyl]oxy]phenyl]sulfonyl]amino]-3,4-dihydro-(9CI) (CA INDEX NAME)



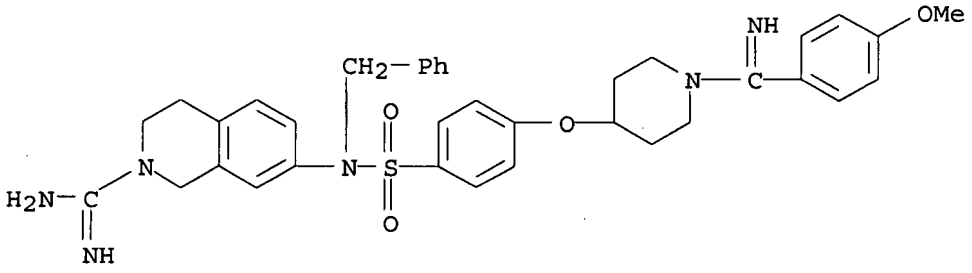
RN 239452-31-4 CAPLUS
CN 2(1H)-Isoquinolinecarboximidamide, 7-[cyclopropyl[[4-[[1-[imino(4-methoxyphenyl)methyl]-4-piperidinyl]oxy]phenyl]sulfonyl]amino]-3,4-dihydro-(9CI) (CA INDEX NAME)



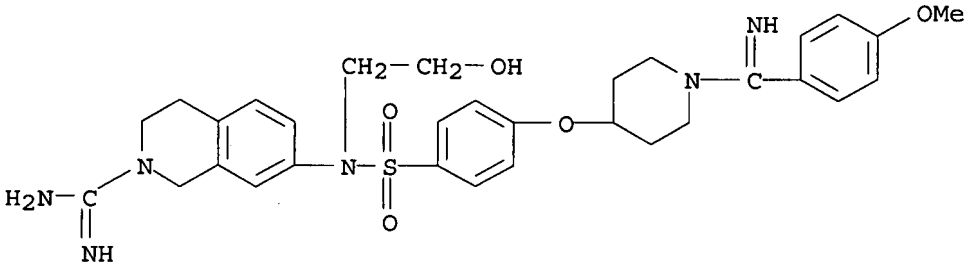
RN 239452-43-8 CAPLUS
CN 2(1H)-Isoquinolinecarboximidamide, 3,4-dihydro-7-[[[4-[[1-[imino(4-methoxyphenyl)methyl]-4-piperidinyl]oxy]phenyl]sulfonyl]-2-propenylamino]- (9CI) (CA INDEX NAME)



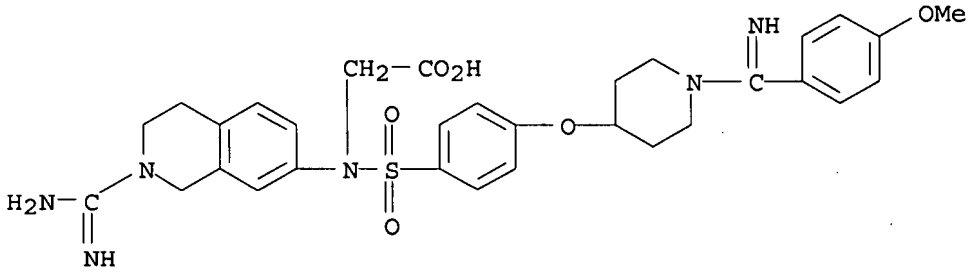
RN 239452-55-2 CAPLUS
CN 2(1H)-Isoquinolinecarboximidamide, 3,4-dihydro-7-[[[4-[[1-[imino(4-methoxyphenyl)methyl]-4-piperidinyl]oxy]phenyl]sulfonyl](phenylmethyl)amino]- (9CI) (CA INDEX NAME)



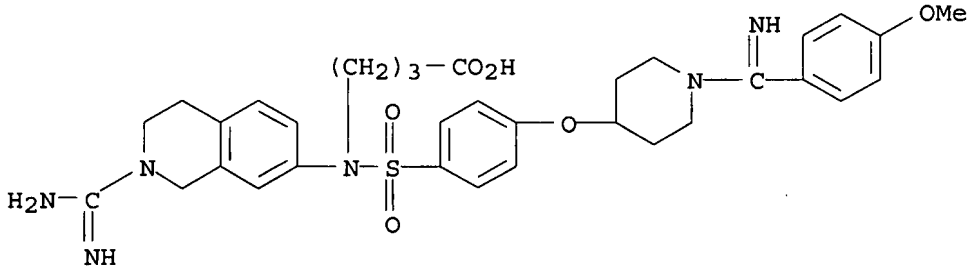
RN 239452-67-6 CAPLUS
CN 2(1H)-Isoquinolinecarboximidamide, 3,4-dihydro-7-[(2-hydroxyethyl)[[4-[[1-[imino(4-methoxyphenyl)methyl]-4-piperidinyl]oxy]phenyl]sulfonyl]amino]- (9CI) (CA INDEX NAME)



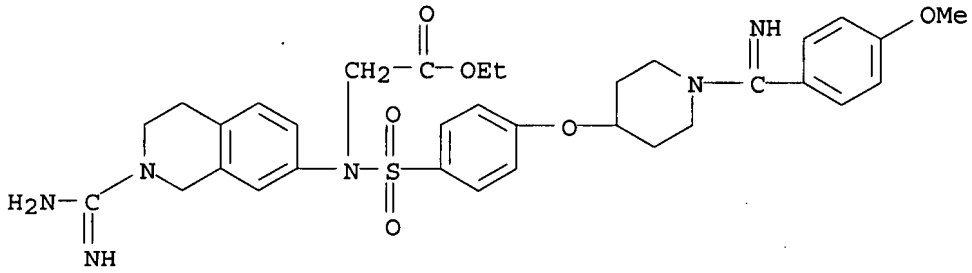
RN 239452-79-0 CAPLUS
CN Glycine, N-[2-(aminoiminomethyl)-1,2,3,4-tetrahydro-7-isoquinolinyl]-N-[[4-[[1-[imino(4-methoxyphenyl)methyl]-4-piperidinyl]oxy]phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



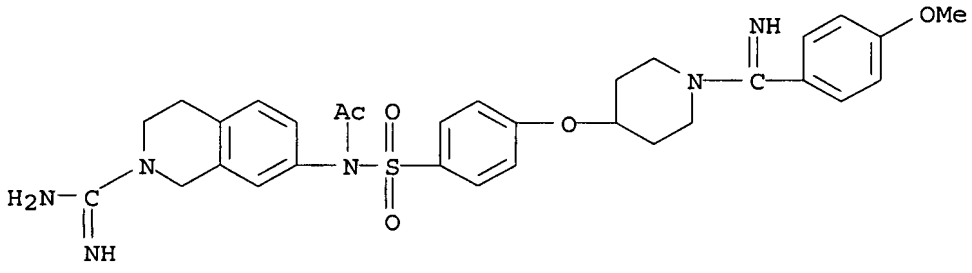
RN 239452-91-6 CAPLUS
CN Butanoic acid, 4-[[2-(aminoiminomethyl)-1,2,3,4-tetrahydro-7-isoquinolinyl][[4-[[1-[imino(4-methoxyphenyl)methyl]-4-piperidinyl]oxy]phenyl]sulfonyl]amino]- (9CI) (CA INDEX NAME)



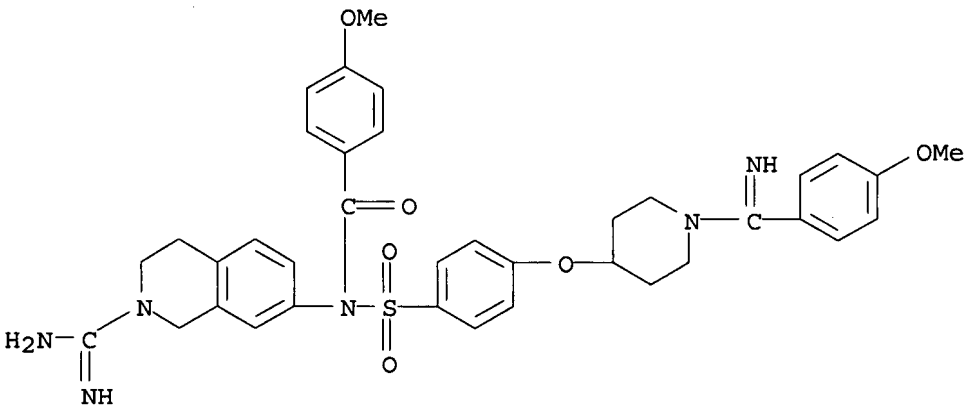
RN 239453-03-3 CAPLUS
CN Glycine, N-[2-(aminoiminomethyl)-1,2,3,4-tetrahydro-7-isoquinolinyl]-N-[[4-[[1-[imino(4-methoxyphenyl)methyl]-4-piperidinyl]oxy]phenyl]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)



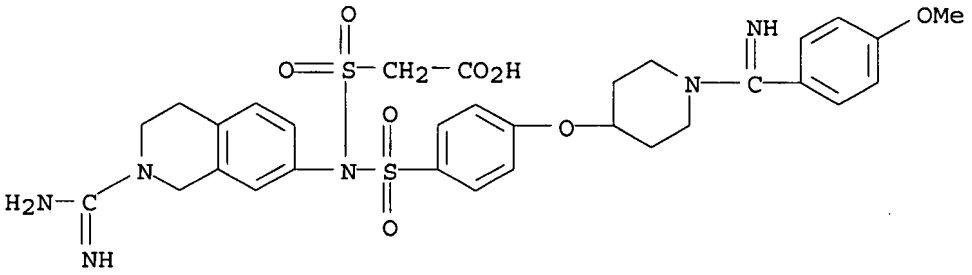
RN 239453-15-7 CAPLUS
CN Acetamide, N-[2-(aminoiminomethyl)-1,2,3,4-tetrahydro-7-isoquinolinyl]-N-[[4-[[1-[imino(4-methoxyphenyl)methyl]-4-piperidinyl]oxy]phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



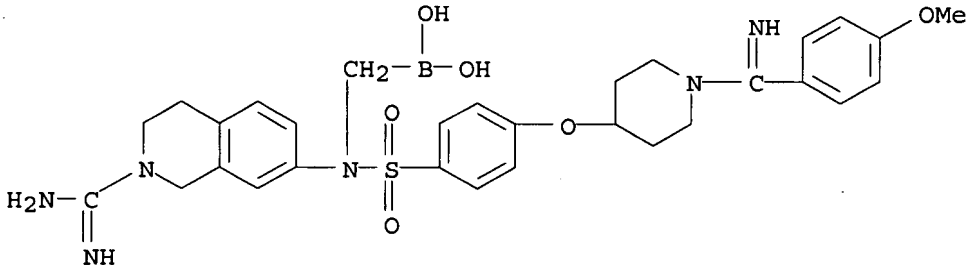
RN 239453-27-1 CAPLUS
CN Benzamide, N-[2-(aminoiminomethyl)-1,2,3,4-tetrahydro-7-isoquinolinyl]-N-[[4-[[1-[imino(4-methoxyphenyl)methyl]-4-piperidinyl]oxy]phenyl]sulfonyl]-4-methoxy- (9CI) (CA INDEX NAME)



RN 239453-40-8 CAPLUS
CN Acetic acid, [[[2-(aminoiminomethyl)-1,2,3,4-tetrahydro-7-isoquinolinyl][[4-[[1-[imino(4-methoxyphenyl)methyl]-4-piperidinyl]oxy]phenyl]sulfonyl]amino]sulfonyl]- (9CI) (CA INDEX NAME)



RN 239453-49-7 CAPLUS
CN Boronic acid, [[[2-(aminoiminomethyl)-1,2,3,4-tetrahydro-7-isoquinolinyl][[4-[[1-[imino(4-methoxyphenyl)methyl]-4-piperidinyl]oxy]phenyl]sulfonyl]amino]methyl]- (9CI) (CA INDEX NAME)



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1995:792624 CAPLUS
DN 123:198635

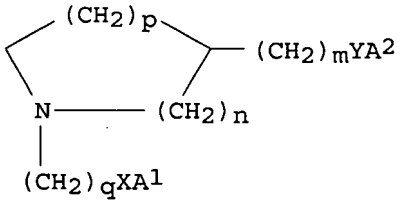
TI Preparation of N-phenylalkyl/phenoxyalkyl-azetidine/pyrrozidinyl/piperidine/ and hexahydroazepine derivatives as antiarrhythmic agents

IN Baumgarth, Manfred; Lues, Inge; Minck, Klaus-Otto
PA Merck Patent G.m.b.H., Germany

SO Eur. Pat. Appl., 18 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 649838	A1	19950426	EP 1994-115921	19941010
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
DE 4335718	A1	19950427	DE 1993-4335718	19931020
AU 9475883	A	19950511	AU 1994-75883	19941017
CA 2118375	A1	19950421	CA 1994-2118375	19941018
JP 07188162	A	19950725	JP 1994-252333	19941018
CN 1107469	A	19950830	CN 1994-117324	19941018
NO 9403961	A	19950421	NO 1994-3961	19941019
ZA 9408211	A	19950612	ZA 1994-8211	19941019
HU 72294	A2	19960429	HU 1994-3010	19941019
PRAI DE 1993-4335718	A	19931020		

OS MARPAT 123:198635
GI



I

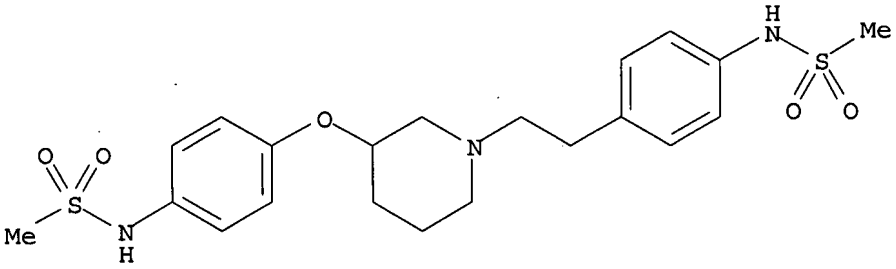
AB The title compds. [I; A1, A2 = (un)substituted Ph; X, Y = direct bond, O; m = 0, 1; n = 0-2; p = 0-3; Q = 2, 3], useful as antiarrhythmic agents (no data), are prepd and I-containing formulations presented. Thus, 1-(2-p-nitrophenylethyl)-3-piperidinol was reacted with 4-O2NC6H4OH in the presence of Ph3P and EtO2CN:NCO2H, producing 1-(2-p-nitrophenylethyl)-2-(p-nitrophenoxymethyl)pyrrolidine and 1-(2-p-nitrophenylethyl)-3-(p-nitrophenoxy)piperidine.

IT 167858-98-2P 167859-00-9P 167859-05-4P
167859-10-1P
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of N-phenylalkyl/phenoxyalkyl-azetidine/pyrrozidinyl/piperidine/ and hexahydroazepine derivs. as antiarrhythmic agents)

RN 167858-98-2 CAPLUS

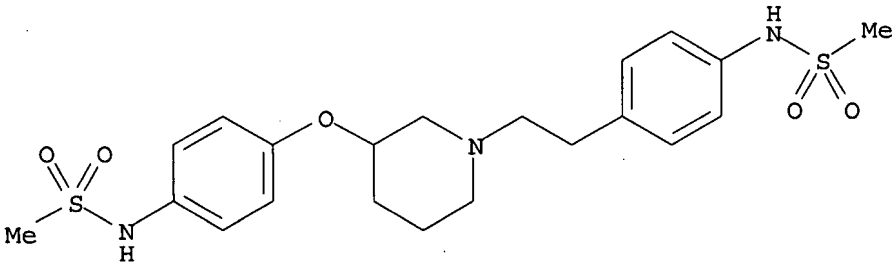
CN Methanesulfonamide, N-[4-[2-[3-[4-[(methylsulfonyl)amino]phenoxy]-1-piperidinyl]ethyl]phenyl]-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

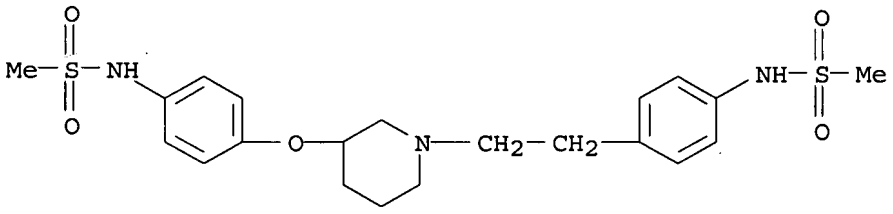


RN 167859-00-9 CAPLUS
CN Methanesulfonamide, N-[4-[2-[3-[4-[(methylsulfonyl)amino]phenoxy]-1-piperidinyl]ethyl]phenyl]-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).



RN 167859-05-4 CAPLUS
CN Methanesulfonamide, N-[4-[2-[3-[4-[(methylsulfonyl)amino]phenoxy]-1-piperidinyl]ethyl]phenyl]- (9CI) (CA INDEX NAME)



RN 167859-10-1 CAPLUS
CN Methanesulfonamide, N-[4-[2-[4-[4-[(methylsulfonyl)amino]phenoxy]-1-piperidinyl]ethyl]phenyl]- (9CI) (CA INDEX NAME)